Supplementary Table S1

Control subjects													
Number	Age	Gender	Smoking status	Smoking pack years	Mean arterial pressure	Primary cause of surgery	Previous ocular history	Medical history	Medication	Aβ vitreous (pg/ml)	Aβ blood (pg/ml)	MMP vitreous (pg/ml)	MMP blood (pg/ml)
1	74	F	Never smoked	0	103.67	ERM, CAT		HYP	CV	1085.46		400.82	1563
2	72	F	Never smoked	0	98	ERM			CV, AP	581.47		399.91	1506.25
3	80	M	Never smoked	0	90.33	ERM		CRD, ART, HYP	CV, AP	960.47	265.6	262.62	1200.13
4	64	F	Ex heavy smoker	18.75	88	VMT			MET	1830.34	44.18	289.55	958.49
5	58	F	Ex heavy smoker	7.5	91.67	ERM				464.3	19.32	1752.75	1217.83
6	76	F	Ex light smoker	0.5	91.67	ERM		ART, DBT	CV, MET, AP, COAG, MUSC	1346.19	574.43	630.58	1290.88
7	71	F	Never smoked	0		VF	CAT, GLA		CV, MET, AP		320.72		1947.3
8	60	F	Never smoked	0		VF	ERM, CAT, VMT		MET, NRV, HRMNS	1144.07	170.79	437.3	1780.69
9	64	F	Ex heavy smoker	18	79.33	ERM		ART, DEP	CV, MET, NRV	971.46	167.91	214.07	1899.5
10	72	M	Heavy smoker	15		ERM		ART		2342.9	833.67	191.77	1594.28
11	74	F	Never smoked	0		ERM		HYP	CV	619.02	178.77	263.11	899.65
12	78	F	Never smoked	0	85.67	CAT, VMT		CRC, ART, HYP	CV, MET, AP, COAG	897.07	410.27	295.58	487.81
13	79	M	Never smoked	0	83.33			ART	CV, MET, NRV, AP, COAG, GUSSH	2640.17	1226.49	703.04	1214.88
14	63	F	Ex heavy smoker	7.5	75.33	ERM		ART	NRV	1698.33	306.35	184.59	1758.51
15	74	F	Never smoked	0	93.67	MH	CAT	CRC		927.85		123.4	
16	72	M	Heavy smoker	10	74	ERM				1256.12		328.05	
17	76	F	Never smoked	0	84.67	ERM	CAT	ART	MUSC	476.92	316.96	192.8	1556.78
18	78	M	Heavy smoker	15	100	MH		CRD, HYP	CV, MET, AP, GUSSH	1417.93		697.05	
19	79	F	Ex heavy smoker	20	118	VMT			CV, MET, NRV, COAG	2048.9		2208.59	
20	77	F	Never smoked	0	104	ERM			CV, MET, NRV, AP	1319.06	290.92	4844.79	3076.08
21	63	F	Never smoked	0	125	ERM		ANX	CV	734.29	519.8	400.58	1732.14
22	76	M	Ex light smoker	1	99.33	ERM			CV	600.28	218.62	1854.78	1428.04
23	66	F	Light smoker	1.6	98	MH			MET	2833.81	1625.68	0.45	2354.17
24	82	F	Light smoker	6	102.67	ERM		CRC	CV	21.63	3102.18		1230.07
25	75	F	Ex light smoker	6	102	ERM		ART	MET, AP, COAG, IMU	3030.97		600.44	
26	77	F	Not declared	0	105.67	ERM		ANX	NRV	2808.91	453.07	567.39	2089.63
27	78	F	Ex heavy smoker	22.5	104	MH		ART, HYP	CV, AP, COAG, HRMNS	239.25	368.82		2301.25
28	65	F	Ex light smoker	0		MH		ANX		971.28	1774.54		1971.97
29	70	F	Heavy smoker	27.5	91	ERM		ART, ANX	MET, NRV	257.06	296.69		2370.07
30	58	F	Heavy smoker	11.4	100	MH				80	798.45		4003.27
31	78	M	Never smoked	0	106	ERM	CAT		CV	12	136.77		2576.01
32	72	F	Never smoked	0	97.33		MH	HEP, ART, HYP, ANX	NRV, AP	814.01	249.61	827.63	4033.01
33	53	M	Never smoked	0	78	VF				109.37	1375.2	122.89	4794.21
34	72	M	Never smoked	0	92	ERM, CAT, MH		HYP	CV, COAG	586.5	1780.81		2642.98
35	76	F	Never smoked	0	93.67		CAT	CRC, ASM	AP, RSP	2103.18	149.97	895.91	1842.25
36	67	F	Never smoked	0		ERM		ART, ASM	AP, RSP	1583.69	148.53	97.72	1466.49
37	82	F	Ex light smoker	2.5		ERM, CAT		CRD, HYP	CV, COAG, GUSSH	41.69	273.02		1652.63
38	71	F	Ex heavy smoker	75	78.33	MH			CV, MET, NRV, COAG	1917.43	343.66		4430.5
39	70	M	Ex light smoker	0.75	109.67	MH			CV	48.65	267.28		620.92
40	82	M	Ex light smoker	2.75	90	ERM	CAT	ART	NRV, COAG, GUSSH, IMU	1603.18	180.54	160.54	1331.35
41	66	F	Never smoked	0	95.67	MH	CAT			918.29	357.58	2330.96	3329.66

42	71	M	Ex light smoker	0.05	110.67				CV, COAG	1254.62	175.44		1288.64
43	79	F	Never smoked	0	99.33	MH			MET	106.12	233.87		2450.5
44	64	F	Heavy smoker	30						978.79	277		5831.68
45	74	F	Never smoked	0		ERM		CRD, ART	CV, MET, AP, MUSC	424.72	310.62	362.43	5367.81
46	73	M	Ex light smoker		94.66	ERM, CAT			GUSSH		839.62	590.37	3153.24
47	66	M	Ex heavy smoker	37.5		CAT, VMT	ERM, CAT	CRC, CRD, ART, HYP, DBT	CV, COAG, GUSSH	816.08	208.58	6803	3910.97
48	70	F	Never smoked	0	105.66	ERM, CAT	ERM, CAT		CV	1395.25	200.86	1669.6	1647.29
49	52	M	Ex light smoker	3		CAT	CAT	CRD	CV, AP	193.58	3608.1		
50	90	F	Ex light smoker	20		ERM, CAT, VMT	CAT, VMT	ART, HYP, DEP	CV, NRV, MUSC	1579.41	271.83		
51	64	F	Ex light smoker	2.5		ERM, CAT, MH, VMT	CAT, MH	DEP, ANX	MET, NRV, MUSC	1536.92	235.07		
52	75	M	Ex light smoker	25	87.33	MH, VMT	CAT, MH, PVD	HYP	CV, MET, AP	3086.91	305.53		
53	57	M	Ex light smoker	1.6	98.66	ERM				769.42	263.66		
54	61	F	Never smoked	0	94.66	ERM			MET, SENS	2255.25	440.33		
55	86	F	Ex light smoker	3	99	ERM		CRD, ART, HYP	CV, MET, COAG, SENS	2457.75	650.7		

AMD patients														
Number	**Age**	**Gender**	**AMD type**	**Smoking status**	**Smoking pack years**	**Mean arterial pressure**	**Primary cause of surgery**	**Previous ocular history**	**Medical history**	**Medication**	**Aβ vitreous (pg/ml)**	**Aβ blood (pg/ml)**	**MMP vitreous (pg/ml)**	**MMP blood (pg/ml)**
1	81	F	Dry AMD	Never smoked	0	127.33	ERM			CV, MET, AP, COAG	803.26	316.92		1468.93
2	78	M	Dry AMD	Ex light smoker	1.5	93	MH	ERM	HYP	CV, AP	1984.87		469	
3	78	M	Early AMD	Never smoked	0	86	ERM	PVD		CV	786.32	351.08	717.59	3264.19
4	83	M	Early AMD	Never smoked	0	107.33				CV, COAG	1758.62	314.37	1224.9	1770.24
5	72	F	Early AMD	Ex heavy smoker	18	98	ERM			CV	773.87		843.35	
6	71	M	Dry AMD	Ex heavy smoker	18.75	89.33	ERM	CAT, PVD	CRD, ART, HYP	NRV, COAG, IMU		1732.15		3043.69
7	84	F	Wet AMD	Ex heavy smoker	10	106.67	RD	CAT	HYP	CV, NRV, COAG	3240.12	339.41		
8	93	F	Dry AMD	Ex light smoker	0.01	85.33	VMT	CAT		MET, RSP		472.75		
9	90	F	Early AMD	Never smoked	0	90.33	ERM	CAT	CRD	CV, MET, AP, GUSSH	26.08	646.08		
10	72	F	Dry AMD	Never smoked	0		CAT	CAT	ART, DEP	NRV	48.58	550.25		
11	68	M	Dry AMD	Never smoked	0		ERM, CAT	ERM, CAT	LNG		2470.39	156.92		
12	81	F	Dry AMD	Ex light smoker	5	102.66	ERM, CAT, MH, VMT	ERM, CAT, MH	CRD, ART, HYP	CV, MET, MUSC	863.58	541.92		

Primary Cause of surgery and Ocular History	
Condition	**Key**
Epiretinal membrane	ERM
Cataract	CAT
Macular Hole	MH
Retinal Detachment	RD
Vitreous Floaters	VF
Vitreomacular Traction	VMT
Vitreous Detachment	VD
Glaucoma	GLA
Posterior Vitreous detachment	PVD

Medical history	
Condition	**Key**
Hypertension	HYP
Cardiopathies	CRD
Arthritis	ART
Depression	DEP
Diabetes	DBT
CRC	CRC
Hepatic	HEP
Asthma	ASM
Lung	LNG

Medication	
Target	**Key**
Cardiovascular	CV
Hypertension	HYP
Metabolic	MET
Coagulation modifier	COAG
musculoskeletal	MUSC
nervous	NRV
Genito, Urinary system and Sex Hormones	GUS
Hormones, excl. Sex Hormones	HRMNS
Sensory	SENS
Immunosuppressants	IMU
Respiratory	RSP

Supplementary Table S2

DESCRIPTIVE STATISTICS

	25%	Median	75%	N	SE	SD
Abeta Vitreous	935.0867	971.3675	1397.2155	54	115.20124	846.55273
Abeta Plasma	363.43480	301.10900	785.2496	48	104.838	726.34093
MMP9 Vitreous	37.5902	502.3435	11609.7005	38	2855.6296	17603.283
MMP9 Serum	1838.8702	1780.6853	2617.0700	43	192.8075	1264.3233
MAP	92.4405	97.333	99.0776	43	1.64441	97.333
Smoking pack/year	3.8722	0.7500	11.0333	55	1.78592	13.24477
Age	65.5000	72.0000	77.0000	56	1.075	8.041
MMP9 Vitreous <40000	454.4675	400.815	1405.4382	35	223.97055	1384.19

PRD013 Excluded, AMD Excluded, Outliers in MMP9 Vitreous Excluded for <40000.

Abeta Vitreous

	Valid	FALSE	% false	25%	Median	75%	SE	SD	TRUE	% true	25%	Median	75%	SE	SD
Female									38		581.465	975.121	1698.333	132.862	819.017
Male									16		390.040	888.273	1510.556	233.465	933.862
Never smoked									22		581.4650	907.6768	1319.0560	146.3762	686.565
Ex Light Smoker									14		600.280	1300.409	1603.181	267.315	1000.200
Ex Heavy Smoker									9		773.872	971.455	1830.335	227.496	682.487
Light Smoker									2		21.63	1427.720	2833.811	1406.090	1988.51
Heavy Smoker									6		257.064	1117.453	1417.930	337.836	827.525
pcsERM	49	18	36.73469388	193.58	923.0652	1830.335	221.66025	940.42479	31	63.26531	583.9825	971.455	1581.5503	145.21253	808.50917
pcsCAT	49	39	79.59183673	470.6125	960.465	1650.7573	137.22721	856.98363	10	20.40816	586.5	991.2658	1536.92	274.43331	867.83432
pcsMH	49	36	73.46938776	529.1942	965.96	1593.436	133.82507	802.95041	13	26.53061	239.2533	927.845	1536.92	278.74287	1005.02172
pcsRD	48	48	100	470.6125	944.155	1593.436	123.68852	856.9392	0	0					
pcsVF	49	47	95.91836735	529.1942	960.465	1593.436	124.72182	855.04972	2	4.081633	109.3707	626.7203	1144.07	517.34967	731.64292
pcsVMT	49	42	85.71428571	424.72	923.0652	1417.93	128.89069	835.30714	7	14.28571	1216.9942	1579.41	1939.6168	289.82061	766.79325
pcsPE	49	49	100	476.9233	960.465	1583.6907	121.43987	850.07906	0	0					
pohERM	50	47	94	531.7117	971.455	1764.3342	129.0728	884.87856	3	6	980.075	1144.07	1269.66	167.68136	290.43264
pohCAT	50	37	74	586.5	971.455	1830.335	145.31296	883.90415	13	26	816.08	1144.07	1579.41	227.61924	820.69285
pohMH	50	47	94	531.7117	971.455	1650.7573	122.29096	838.38459	3	6	1175.4653	1536.92	2311.915	670.45334	1161.25925
pohRD	50	50	100	586.5	975.1208	1698.3333	121.57253	859.64763	0	0					
pohVF	50	50	100	586.5	975.1208	1698.3333	121.57253	859.64763	0	0					
pohVMT	50	48	96	531.7117	971.3675	1764.3342	126.43563	875.97173	2	4	1144.07	1361.74	1579.41	217.67	307.83187
pohVD	50	50	100	586.5	975.1208	1698.3333	121.57253	859.64763	0	0					
pohGLA	50	50	100	586.5	975.1208	1698.3333	121.57253	859.64763	0	0					
pohPVD	50	49	98	586.5	971.455	1603.1813	824.04451	117.72064	1	2					
AMD	62	53	85.48387097	581.465	971.455	1603.1813	117.1532	852.88814	9	14.51613	773.872	803.2633	1758.6213	341.31845	1023.95534
Carcinoma	51	46	90.19607843	476.9233	1032.125	1698.3333	129.9315	881.23831	5	9.803922	816.08	897.0683	927.845	332.63111	743.78578
Cardiopathies	51	44	86.2745098	593.39	1032.125	1764.3342	131.35393	871.30338	7	13.72549	309.15	816.08	1189.1975	314.98787	833.37957
Lung	51	51	100	531.7117	971.455	1650.7573	121.18709	865.44896	0	0					
Hepatic	51	50	98.03921569	476.9233	975.1208	1698.3333	123.40697	872.61908	1	1.960784					
Kidney	51	51	100	531.7117	971.455	1650.7573	121.18709	865.44896	0	0					
Arthritis	51	33	64.70588235	464.3017	971.28	1536.92	152.73745	877.40987	18	35.29412	814.0107	1158.8242	1698.3333	198.96477	844.13604
Asthma	51	49	96.07843137	1259.352	971.28	2410.2825	124.41241	870.88684	2	3.921569	1647.288	1843.4347	2576.0147	259.744	367.33349
Hypertension	51	38	74.50980392	464.3017	1061.4283	1830.335	142.85923	880.64346	13	25.4902	619.015	897.0683	1417.93	236.07923	851.19576
Depression	51	48	94.11764706	470.6125	965.8725	1764.3342	128.26603	888.6531	3	5.882353	1254.1875	1536.92	1558.165	195.95427	339.40275
Anxiety	51	45	88.23529412	476.9233	978.7867	1698.3333	129.86023	871.79974	6	11.76471	734.288	892.6453	1536.92	365.53205	895.36702
Stress	51	51	100	531.7117	971.455	1650.7573	121.18709	865.44896	0	0					
Alzheimer	51	51	100	531.7117	971.455	1650.7573	121.18709	865.44896	0	0					
Diabetes	51	49	96.07843137	476.9233	971.455	1698.3333	125.91211	881.38478	2	3.921569	816.08	1081.1367	1346.1933	265.05667	374.84673
Cardiovascular	54	24	44.44444444	623.1717	1200.0942	1966.7568	183.09258	896.96681	30	55.55556	581.465	856.5742	1395.25	144.70538	792.584
Metabolic	54	35	64.81481481	470.6125	814.0107	1255.3712	115.40751	682.76004	19	35.18519	1057.7625	1536.92	2356.5	209.50314	913.203
Nervous	54	41	75.92592593	464.3017	897.0683	1395.25	133.70573	856.13438	13	24.07407	1144.07	1579.41	1917.4267	195.24026	703.94876
Antiparasitic	54	51	94.44444444	581.465	971.28	1583.6907	113.92333	829.37435	3	5.555556					
AntiInflammatory	54	40	74.07407407	531.7117	971.3675	1650.7573	130.67595	826.46729	14	25.92593	581.465	1139.7605	1583.6907	246.66966	922.95336
Coagulation	54	41	75.92592593	476.9233	960.465	1536.92	126.14633	807.73061	13	24.07407	816.08	1346.193333	2048.8987	259.23322	934.67867
Respiratory	54	52	96.2962963	529.1942	965.8725	1591.2957	117.94956	850.54637	2	3.703704	1583.6907	1843.4347	2103.1787	259.744	367.33349
Sensory	54	52	96.2962963	529.1942	965.8725	1581.5503	114.91221	828.64374	2	3.703704	2255.25	2356.5	2457.75	101.25	143.18912
GenitoUrinoSex	54	49	90.74074074	581.465	971.28	1583.6907	120.51264	843.58847	5	9.259259	816.08	1417.93	1603.1813	431.23784	964.27712
MusculoSkeletal	54	49	90.74074074	1346.193	971.28	1698.3333	124.76622	873.36354	5	9.259259	476.9233	1346.1933	1536.92	257.0877	574.86556
Immunosuppressants	54	52	96.2962963	529.1942	965.8725	1581.5503	113.58032	819.03936	2	3.703704	1603.1813	2317.0747	3030.968	713.89333	1009.59763
Hormones	54	52	96.2962963	583.9825	971.3675	1650.7573	118.28587	852.97157	2	3.703704	239.2533	691.6617	1144.07	452.40833	639.802

AMD Excluded except for AMD test

Abeta Plasma

	Valid	FALSE	% false	25%	Median	75%	SE	SD	TRUE	% true	25%	Median	75%	SE	SD
Female									33		233.8667	306.352	440.33	104.4564	600.056
Male									15		213.6035	267.28	1033.0553	242.598	939.578
Never smoked									20		189.814	300.7693	425.301	101.791	455.224
Ex Light Smoker									14		235.07	272.423	650.7	251.799	942.145
Ex Heavy Smoker									7		106.0427	208.583	325.008	53.002	140.229
Light Smoker									2		1625.68	2363.932	3102.184	738.252	1044.046
Heavy Smoker									4		286.844	547.5707	816.064	152.995	305.989
pcsERM	43	16	37.20930233	250.5733	350.6227	1086.8253	232.41	929.64	27	62.7907	209.742	290.9173	486.4333	120.056	623.831
pcsCAT	43	33	76.74418605	218.624	310.6213	519.8	108.19054	621.50732	10	23.25581	235.07	289.273	839.62	346.861	1096.872
pcsMH	43	32	74.41860465	190.6993	293.8027	486.4333	139.17909	787.31581	11	25.5814	286.405	357.5813	1212.067	197.84381	656.17367
pcsRD	42	42	100	218.624	308.4867	574.432	117.29587	760.16414	0	0					
pcsVF	43	40	93.02325581	226.2453	305.941	547.116	121.313272	656.37777	3	6.976744	245.756	320.7173	847.9573	378.95988	767.2525
pcsVMT	43	37	86.04651163	233.8667	316.9627	650.7	131.14869	797.74636	6	13.95349	208.583	253.45	305.53	49.47983	121.20033
pcsPE			0	226.2453	306.352	547.116	114.85182	753.13376	0	0					
pohERM	44	43	97.72727273	234.4683	306.352	547.116	115.7468	759.00253	1	2.272727	185.8273	200.86	204.7215	11.5266	19.96467
pohCAT	46	33	71.73913043	249.6107	310.6213	612.566	115.17527	661.63158	13	28.26087	180.5387	235.07	316.9627	259.99843	937.43767
pohMH	46	43	93.47826087	204.7215	306.352	547.116	116.11461	761.41442	3	6.521739	242.3403	249.6107	277.5703	21.4774	37.19994
pohRD	46	46	100	208.583	301.109	519.8	109.15842	740.34844	0	0					
pohVF	46	46	100	208.583	301.109	519.8	109.15842	740.34844	0	0					
pohVMT	46	44	95.65217391	213.6035	305.941	547.116	113.55678	753.25048	2	4.347826	170.7947	221.3123	271.83	50.51767	71.44277
pohVD	46	46	100	208.583	301.109	519.8	109.15842	740.34844	0	0					
pohGLA	46	45	97.82608696	208.583	296.688	519.8	111.46134	747.70538	1	2.173913					
pohPVD	46	45	97.82608696	208.583	296.688	519.8	111.44287	747.58149	1	2.173913					
AMD	57	48	84.21052632	213.6035	301.109	547.116	104.83828	726.34093	9	15.78947	339.41	472.75	550.25	148.86084	446.58251
Carcinoma	46	42	91.30434783	218.624	301.109	574.432	101.94061	660.65069	4	8.695652	179.2782	309.4275	1756.228	713.65745	1427.3149
Cardiopathies	46	40	86.95652174	190.6993	301.109	547.116	98.08345	620.33419	6	13.04348	265.5973	291.8187	650.7	548.20306	1342.81776
Lung	46	46	100	208.583	301.109	574.432	109.11351	740.04382	0	0					
Hepatic	46	45	97.82608696	208.583	305.53	574.432	111.30365	746.64757	1	2.173913					
Kidney	46	46	100	301.109	208.583	109.11351	740.04382	574.432	0	0					
Arthritis	46	29	63.04347826	200.86	277	798.4533	166.26019	895.33854	17	36.95652	249.6107	306.352	410.272	68.03035	280.49631
Asthma	46	44	95.65217391	226.2453	305.941	612.566	113.20351	750.90713	2	4.347826	148.528	149.2507	149.9733	0.72267	1.022
Hypertension	46	35	76.08695652	190.6993	306.352	686.4427	136.80885	809.37206	11	23.91304	257.604	273.016	389.548	138.48021	459.28689
Depression	46	43	93.47826087	213.6035	306.352	612.566	115.80747	759.40038	3	6.521739	201.4883	235.07	253.45	30.42502	52.69768
Anxiety	46	40	86.95652174	190.6993	291.265	612.566	121.13309	766.11294	6	13.04348	249.6107	374.8773	519.8	241.84399	592.39437
Stress	46	46	100	208.583	301.109	574.432	109.11351	740.04382	0	0					
Alzheimer	46	46	100	208.583	301.109	574.432	109.11351	740.04382	0	0					
Diabetes	46	44	95.65217391	209.742	301.109	585.25	113.79223	754.81228	2	4.347826	208.583	391.5075	574.432	182.9245	258.69431
Cardiovascular	48	22	45.83333333	180.5387	301.52	798.4533	106.62786	500.12901	26	54.16667	218.624	298.2237	519.8	172.56311	879.90264
Metabolic	48	31	64.58333333	204.7215	273.016	659.1267	153.15038	852.70523	17	35.41667	235.07	310.6213	440.33	97.2954	401.15922
Nervous	48	36	75	213.6035	313.792	724.5767	135.32975	811.97849	12	25	207.8043	281.3737	325.008	83.05346	287.70563
Antiparasitic	48	47	97.91666667	226.2453	296.688	486.4333	106.15101	727.73468	1	2.083333					
AntiInflammatory	48	36	75	204.7215	286.844	724.5767	107.91683	647.50099	12	25	257.604	308.0757	389.548	276.89376	959.18813
Coagulation	48	37	77.08333333	218.624	290.9173	453.0667	129.23769	504.62175	11	22.91667	240.7995	368.824	612.566	152.14918	504.62175
Respiratory	48	46	95.83333333	233.8667	305.941	547.116	108.61162	736.63987	2	4.166667	148.528	149.2507	149.9733	0.72267	1.022
Sensory	48	46	95.83333333	208.583	293.8027	519.8	109.39443	741.94913	2	4.166667	440.33	545.515	650.7	105.185	148.75405
GenitoUrinoSex	48	43	89.58333333	226.2453	305.53	486.4333	115.08588	754.66859	5	10.41667	208.583	273.016	839.62	208.71178	466.69372
MusculoSkeletal	48	43	89.58333333	204.7215	296.688	585.25	116.28712	762.54567	5	10.41667	271.83	310.6213	316.9627	59.99739	134.15825
Immunosuppressants	48	47	97.91666667	226.2453	305.53	547.116	106.75056	731.84494	1	2.083333					
Hormones	48	46	95.83333333	218.624	301.109	574.432	108.97567	739.10894	2	4.166667	170.7947	269.8093	368.824	99.01467	140.02788

AMD Excluded except for AMD test

MMP9 Vitreous

	Valid	FALSE	% false	25%	Median	75%	SE	SD	TRUE	% true	25%	Median	75%	SE	SD
Female									25		263.1075	400.8150	843.3460	211.128	1055.64
Male									10		191.7650	459.2080	703.0350	646.202	2043.470
Never smoked									18		262.6200	400.2412	827.6287	273.4931	1160.333
Ex Light Smoker									5		590.3660	600.4367	630.5750	285.361	638.086
Ex Heavy Smoker									7		251.8050	843.3460	1980.6693	893.194	2363.169
Light Smoker									1						
Heavy Smoker									3		259.9075	328.0500	512.5503	150.9321	261.422
pcsERM	32	10	31.25	123.4	366.4388	2208.5887	664.65026	2101.80867	22	68.75	214.065	400.2412	630.575	223.65568	1049.03811
pcsCAT	32	27	84.375	192.2825	362.43	663.8128	201.1656	1045.28712	5	15.625	400.815	590.366	1669.598	1237.25325	2766.58238
pcsMH	32	28	87.5	238.3425	400.2412	736.9605	285.25857	1509.44649	4	12.5	61.924	410.2253	1514.0053	536.26242	1072.52485
pcsRD	32	32	100	203.4325	400.2412	770.1983	256.12653	1448.87046	0	0					
pcsVF	32	30	93.75	214.065	400.2412	843.346	271.42424	1486.65179	2	6.25	122.892	280.0935	437.295	157.2015	222.31649
pcsVMT	32	28	87.5	192.2825	400.2412	663.8128	189.17196	1001.00395	4	12.5	292.5638	1252.0856	4505.7953	1535.84004	3071.68008
pcsPE	32	32	100	203.4325	400.2412	770.1983	256.12653	1448.87046	0	0					
pohERM	32	29	90.625	192.8	362.43	697.0507	117.3793	632.10685	3	9.375	1053.4465	1669.598	4236.3	1949.25389	3376.20677
pohCAT	32	24	75	238.3425	381.5037	663.8128	116.60829	571.2616	8	25	176.67	666.6008	2000.279	798.28235	2257.88344
pohMH	32	31	96.875	203.4325	400.5773	700.0428	229.98113	1280.48072	1	3.125					
pohRD	32	32	100	203.4325	400.6962	765.3318	222.67827	1259.65851	0	0					
pohVF	32	32	100	203.4325	400.6962	765.3318	222.67827	1259.65851	0	0					
pohVMT	32	31	96.875	203.4325	1634408.35	765.3318	229.61457	1278.43981	1	3.125					
pohVD	32	32	100	203.4325	400.6962	765.3318	222.67827	1259.65851	0	0					
pohGLA	32	32	100	203.4325	400.6962	765.3318	222.67827	1259.65851	0	0					
pohPVD	32	32	100	203.4325	400.6962	765.3318	222.67827	1259.65851	0	0					
AMD	38	34	89.47368421	214.065	400.6962	827.6287	240.942	1404.9212	4	10.52632	593.2937	780.469	1034.124	157.59231	315.18462
Carcinoma	32	28	87.5	203.4325	400.6962	700.0428	125.28593	662.95082	4	12.5	209.4912	595.7446	3849.4543	1599.76671	3199.53342
Cardiopathies	32	28	87.5	192.2825	400.6962	765.3318	126.48635	669.30283	4	12.5	312.525	529.7403	3750.0263	1593.28584	3186.57168
Lung	32	32	100	203.4325	400.6962	765.3318	222.67827	1259.65851	0	0					
Hepatic	32	31	96.875	203.4325	400.5773	700.0428	229.98113	1280.48072	1	3.125					
Kidney	32	32	100	203.4325	400.6962	765.3318	222.67827	1259.65851	0	0					
Arthritis	32	18	56.25	289.545	502.3435	1669.598	180.63102	766.35251	14	43.75	191.765	279.1013	630.575	464.12259	1736.58771
Asthma	32	30	93.75	214.065	400.2412	703.035	236.44387	1295.05641	2	6.25	97.7247	496.8157	895.9067	399.091	564.3999
Hypertension	32	25	78.125	191.765	400.5773	703.035	140.19062	700.95309	7	21.875	279.345	400.815	762.3397	910.38324	2408.64766
Depression	32	31	96.875	227.71	400.815	765.3318	229.07308	1275.42495	1	3.125					
Anxiety	32	29	90.625	192.8	362.43	703.035	245.46043	1321.84488	3	9.375	483.9847	567.392	697.5103	124.25849	215.22202
Stress	32	32	100	203.4325	400.6962	765.3318	222.67827	1259.65851	0	0					
Alzheimer	32	32	100	203.4325	400.6962	765.3318	222.67827	1259.65851	0	0					
Diabetes	32	30	93.75	192.8	381.5037	703.035	119.01354	651.86398	2	6.25	630.575	3716.7885	6803.002	3086.2135	4364.56499
Cardiovascular	35	17	48.57142857	160.54	289.545	590.366	151.83587	626.03533	18	51.42857	362.43	663.8128	1669.598	417.58678	1771.67066
Metabolic	35	23	65.71428571	192.2825	400.5773	869.6263	298.62654	1432.16259	12	34.28571	292.5638	518.8658	700.0428	389.41782	1348.9829
Nervous	35	26	74.28571429	262.62	400.2412	843.346	265.92244	1355.94369	9	25.71429	214.065	567.392	827.6287	509.70626	1529.11878
Antiparasitic	35	34	97.14285714	214.065	400.6962	843.346	240.85823	1404.43273	1	2.857143					
AntiInflammatory	35	24	68.57142857	192.2825	400.6962	1256.472	293.05274	1435.65935	11	31.42857	329.0063	600.4367	762.3397	401.41102	1331.32976
Coagulation	35	28	80	203.4325	400.2412	835.4873	188.69073	998.45748	7	20	448.0096	630.575	1455.8118	899.11071	2378.82333
Respiratory	35	33	94.28571429	262.62	400.815	827.6287	247.00236	1418.92054	2	5.714286	97.7247	496.8157	895.9067	399.091	564.3999
Sensory	35	35	100	238.3425	400.815	835.4873	233.97055	1384.18843	0	0					
GenitoUrinoSex	35	30	85.71428571	214.065	400.2412	843.346	183.2652	1003.78484	5	14.28571	590.366	697.0507	703.035	1256.99003	2810.71515
MusculoSkeletal	35	32	91.42857143	238.3425	419.055	869.6263	254.21394	1438.05121	3	8.571429	277.615	362.43	496.5025	127.43692	220.72722
Immunosuppressants	35	33	94.28571429	262.62	400.815	843.346	246.96274	1418.69292	2	5.714286	160.54	380.4883	600.4367	219.94833	311.05392
Hormones	35	34	97.14285714	214.065	400.6962	843.346	240.93275	1402.3075	1	2.857143					

AMD Excluded except for AMD test

MMP9 Serum

	Valid	FALSE	% false	25%	Median	75%	SE	SD	TRUE	% true	25%	Median	75%	SE	SD
Female									31		1531.513	1842.2507	2410.2825	229.880	1279.92
Male									12		1251.758	1511.1603	2898.1100	368.049	1274.958
Never smoked									21		1506.247	1780.6853	2642.98	275.390	1261.994
Ex Light Smoker									8		1289.761	1379.6947	1812.3000	260.702	737.376
Ex Heavy Smoker									7		1488.169	1899.5023	3106.1128	500.911	1325.286
Light Smoker									2		1230.066	1792.1155	2354.1650	562.050	794.858
Heavy Smoker									4		1982.171	3186.6690	4917.4742	939.346	1878.69
pcsERM	38	14	36.84210526	1780.685	2327.7092	3910.9723	370.93528	1387.91274	24	63.15789	1379.6947	1620.7822	2229.8465	192.19667	941.56752
pcsCAT	38	31	81.57894737	1379.695	1780.6853	2410.2825	209.0143	1163.74238	7	18.42105	1605.1448	1652.6327	2898.11	435.29093	1151.67156
pcsMH	38	29	76.31578947	1331.345	1647.288	2089.628	207.54669	1117.67311	9	23.68421	2301.2533	2450.5	3329.6593	377.89848	1133.69545
pcsRD	38	38	100	1428.044	1769.5965	2576.0147	185.89507	1145.93416	0	0					
pcsVF	38	35	92.10526316	1379.695	1732.1373	2513.2573	186.25531	1101.90128	3	7.894737	1863.9935	1947.3017	3370.7542	977.92126	1693.80931
pcsVMT	38	35	92.10526316	1486.369	1780.6853	2513.2573	186.24122	1101.8179	3	7.894737		958.492			1855.475805
pcsPE	38	38	100	723.1497	1769.5965	2434.7322	185.89507	1145.93416	0	0					
pohERM	40	37	92.5	1290.884	1758.5077	2450.5	210.81723	1282.35115	3	7.5	1713.9867	1780.6853	2845.8288	733.34031	1270.18268
pohCAT	40	31	77.5	1259.352	1732.1373	2410.2825	246.38851	1371.83319	9	22.5	1647.288	1842.2507	2576.0147	293.08544	879.25631
pohMH	40	39	97.5	1311.114	1758.5077	2410.2825	199.75564	1247.47357	1	2.5					
pohRD	40	40	100	1311.114	1769.5965	2410.2825	200.4087	1267.49592	0	0					
pohVF	40	40	100	1311.114	1769.5965	2513.2573	200.4087	1267.49592	0	0					
pohVMT	40	39	97.5	1311.114	1758.5077	2513.2573	205.34589	1282.38468	1	2.5					
pohVD	40	40	100	1311.114	1769.5965	2513.2573	200.4087	1267.49592	0	0					
pohGLA	40	39	97.5	1311.114	1758.5077	2513.2573	205.52351	1283.49388	1	2.5					
pohPVD	40	40	100	1311.114	1769.5965	2513.2573	200.4087	1267.49592	0	0					
AMD	47	43	91.4893617	1379.695	1780.6853	2609.495	192.8075	1264.32331	4	8.510638	1619.5847	2406.9652	3153.9392	449.43952	898.87903
Carcinoma	40	36	90	1379.695	1769.5965	2609.495	215.91938	1295.5163	4	10	858.9367	1536.1583	2876.6115	735.20351	1470.40701
Cardiopathies	40	36	90	1311.114	1769.5965	2513.2573	202.12968	1212.77807	4	10	1426.3817	2781.8025	4639.39	978.39095	1956.7819
Lung	40	40	100	1311.114	1769.5965	2609.495	205.40458	1299.09263	0	0					
Hepatic	40	39	97.5	1311.114	1758.5077	2609.495	205.34455	1282.37632	1	2.5					
Kidney	40	40	100	1311.114	1769.5965	2609.495	205.40458	1299.09263	0	0					
Arthritis	40	25	62.5	1428.044	1842.2507	2642.9753	261.92357	1309.61787	15	37.5	1311.1143	1594.2763	2335.6592	340.51541	1318.81051
Asthma	40	38	95	1428.044	1769.5965	2642.9753	215.08775	1325.88994	2	5	1311.1143	1654.3712	2335.6592	187.8795	265.70174
Hypertension	40	31	77.5	1379.695	1780.6853	2513.2573	238.39539	1327.32935	9	22.5	1200.1307	1652.6327	2642.9753	419.73734	1259.21202
Depression	40	39	97.5	1311.114	1758.5077	2609.495	210.55923	1314.94199	1	2.5					
Anxiety	40	35	87.5	1289.761	1652.6327	2609.495	228.59905	1352.41021	5	12.5	1971.9673	2089.628	2370.065	411.42779	919.98051
Stress	40	40	100	1311.114	1769.5965	2609.495	205.40458	1299.09263	0	0					
Alzheimer	40	40	100	1311.114	1769.5965	2609.495	205.40458	1299.09263	0	0					
Diabetes	40	38	95	1331.345	1769.5965	2576.0147	210.15943	1269.59537	2	5	1290.8837	2600.928	3910.9723	1310.04433	1852.68246
Cardiovascular	43	19	44.18604651	1575.528	1971.9673	2801.8723	294.92643	1285.55453	24	55.81395	1259.3517	1649.9603	2609.495	256.15285	1254.88755
Metabolic	43	30	69.76744186	1428.044	1692.385	2642.9753	226.61232	1241.20678	13	30.23256	1290.8837	1947.3017	2450.5	379.0302	1366.61284
Nervous	43	33	76.74418605	1290.884	1652.6327	2576.0147	229.91882	1320.78304	10	23.25581	1758.5077	1994.5652	3076.0767	348.58491	1102.32228
Antiparasitic	43	42	97.6744186	1428.044	1811.468	2642.9753	195.90282	1269.59537	1	2.325581					
AntiInflammatory	43	32	74.41860465	1379.695	1769.5965	2609.495	217.67909	1231.37891	11	25.5814	1378.6877	1842.2507	2688.667	427.81085	1418.88072
Coagulation	43	33	76.74418605	1506.247	1842.2507	2576.0147	222.40915	1277.64328	10	23.25581	1288.6373	1491.9888	2642.9753	401.56143	1269.84874
Respiratory	43	41	95.34883721	1331.345	1780.6853	2642.9753	201.18071	1288.18509	2	4.651163	1466.4917	1654.3712	1842.2507	187.8795	265.70174
Sensory	43	43	100	1379.695	1780.6853	2609.495	192.8075	1264.32331	0	0					
GenitoUrinoSex	43	38	88.37209302	1428.044	1811.468	2576.0147	208.78165	1287.01656	5	11.62791	1331.345	1652.6327	3153.2447	540.68932	1209.01808
MusculoSkeletal	43	40	93.02325581	1379.695	1811.468	2609.495	189.28292	1197.15301	3	6.976744	1423.8312	1556.7787	3462.2932	1316.89769	2280.93371
Immunosuppressants	43	42	97.6744186	1428.044	1811.468	2642.9753	196.24004	1271.78081	1	2.325581					
Hormones	43	41	95.34883721	1331.345	1758.5077	2609.495	202.01533	1293.52926	2	4.651163	1780.6853	2040.9693	2301.2533	260.284	368.09716

AMD Excluded except for AMD test

PRESENTING DATAS

	n	<-- Datas
Abeta Vitr	54	971.37 (935.09, 1397.22)
Abeta Pla	48	301.11 (363.43, 785.25)
MMP9 Vit	38	502.34 (37.59, 11609.7)
MMP9 Ser	43	1780.69 (1838.87, 2617.07)
MAP	43	97.33 (92.44, 99.08)
Smoking p	55	0.75 (3.87, 11.03)
Age	56	72 (65.5, 77)
MMP9 Vit	35	400.82 (454.47, 1405.44)

Abeta Vitreous

n	Abeta Vitreous
38	975.12 (581.47, 1698.33)
16	888.27 (390.04, 1510.56)
22	907.68 (581.47, 1319.06)
14	1300.41 (600.28, 1603.18)
9	971.46 (773.87, 1830.34)
2	1427.72 (21.63, 2833.81)
6	1117.45 (257.06, 1417.93)

	n	MALE	n	FEMALE	Statistics	Pvalue
Gender	16	888.27 (390.04, 1510.56)	38	975.12 (581.47, 1698.33)	-128.77 (-630.97, 379)	0.609

total n		n	TRUE [Median Diff (95% CI)]	n	FALSE [Median Diff (95% CI)]	Statistics [Median Diff (95% CI)]	Pvalue
49	pcsERM	31	971.46 (583.98, 1581.55)	18	923.07 (193.58, 1830.34)	-146.04 (-565.64, 391.36)	0.787
49	pcsCAT	10	991.27 (586.5, 1536.92)	39	960.47 (470.61, 1650.76)	-0.38 (-609.08, 612.87)	1.000
49	pcsMH	13	927.85 (239.25, 1536.92)	36	965.96 (529.19, 1593.44)	37.4 (-522.18, 651.57)	0.874
48	pcsRD	0	0 (0, 0)	48	944.16 (470.61, 1593.44)	N/A	N/A
49	pcsVF	2	626.72 (109.37, 1144.07)	47	960.47 (529.19, 1593.44)	449.37 (-887.01, 1939.53)	0.479
49	pcsVMT	7	1579.41 (1216.99, 1939.62)	42	923.07 (424.72, 1417.93)	-705.1 (-1366.03, -46.66)	0.046
49	pcsPE	0	0 (0, 0)	49	960.47 (476.92, 1583.69)	N/A	N/A
50	pohERM	3	1144.07 (980.08, 1269.66)	47	971.46 (531.71, 1764.33)	-49.06 (-804.08, 1111.18)	0.919
50	pohCAT	13	1144.07 (816.08, 1579.41)	37	971.46 (586.5, 1830.34)	-54.28 (-624.39, 530.11)	0.851
50	pohMH	3	1536.92 (1175.47, 2311.92)	47	971.46 (531.71, 1650.76)	-609.08 (-2115.63, 603.92)	0.298
50	pohRD	0	0 (0, 0)	50	975.12 (586.5, 1698.33)	N/A	N/A
50	pohVF	0	0 (0, 0)	50	975.12 (586.5, 1698.33)	N/A	N/A
50	pohVMT	2	1361.74 (1144.07, 1579.41)	48	971.37 (531.71, 1764.33)	-285.15 (-1322.35, 1254.4)	0.552
50	pohVD	0	0 (0, 0)	50	975.12 (586.5, 1698.33)	N/A	N/A
50	pohGLA	0	0 (0, 0)	50	975.12 (586.5, 1698.33)	N/A	N/A
50	pohPVD	1	0 (0, 0)	49	971.46 (586.5, 1603.18)	-2115.46 (-3074.91, -55.94)	0.090
62	AMD	9	803.26 (773.87, 1758.62)	53	971.46 (581.47, 1603.18)	197.58 (-761.87, 2313.04)	0.630
51	Carcinoma	5	897.07 (816.08, 927.85)	46	1032.13 (476.92, 1698.33)	167.33 (-640, 989.58)	0.506
51	Cardiopathies	7	816.08 (309.15, 1189.2)	44	1032.13 (593.39, 1764.33)	318.78 (-351.78, 1014.26)	0.324
51	Lung	0	0 (0, 0)	51	971.46 (531.71, 1650.76)	N/A	N/A
51	Hepatic	1	0 (0, 0)	50	975.12 (476.92, 1698.33)	161.11 (-802.01, 2272.9)	0.634
51	Kidney	0	0 (0, 0)	51	971.46 (531.71, 1650.76)	N/A	N/A
51	Arthritis	18	1158.82 (814.01, 1698.33)	33	971.28 (464.3, 1536.92)	-238.44 (-775.72, 283.17)	0.278
51	Asthma	2	1843.43 (1647.29, 2576.01)	49	971.28 (1259.35, 2410.28)	-791.98 (-1863.93, 759.21)	0.174
51	Hypertension	13	897.07 (619.02, 1417.93)	38	1061.43 (464.3, 1830.34)	91.96 (-480.38, 675.84)	0.713
51	Depression	3	1536.92 (1254.19, 1558.17)	48	965.87 (470.61, 1764.33)	-338.61 (-1102.49, 858.88)	0.447
51	Anxiety	6	892.65 (734.29, 1536.92)	45	978.79 (476.92, 1698.33)	4.79 (-722.29, 769.68)	0.953
51	Stress	0	0 (0, 0)	51	971.46 (531.71, 1650.76)	N/A	N/A
51	Alzheimer	0	0 (0, 0)	51	971.46 (531.71, 1650.76)	N/A	N/A
51	Diabetes	2	1081.14 (816.08, 1346.19)	49	971.46 (476.92, 1698.33)	23.49 (-1106.94, 1526.82)	1.000
54	Cardiovascular	30	856.57 (581.47, 1395.25)	24	1200.09 (623.17, 1966.76)	289.33 (-142.09, 801.27)	0.153
54	Metabolic	19	1536.92 (1057.76, 2356.5)	35	814.01 (470.61, 1255.37)	-792.78 (-1294.79, -297.27)	0.002
54	Nervous	13	1579.41 (1144.07, 1917.43)	41	897.07 (464.3, 1395.25)	-639.85 (-1088.43, -150.94)	0.018
54	Antiparasitic	3	0 (0, 0)	51	971.28 (581.47, 1583.69)	-1668.89 (-2628.17, 446.74)	0.149
54	AntiInflammatory	14	1139.76 (581.47, 1583.69)	40	971.37 (531.71, 1650.76)	-155.57 (-648.51, 391.36)	0.608
54	Coagulation	13	1346.19 (816.08, 2048.9)	41	960.47 (476.92, 1536.92)	-374.91 (-997.56, 185.75)	0.199
54	Respiratory	2	1843.43 (1583.69, 2103.18)	52	965.87 (529.19, 1591.3)	-812.05 (-1846.12, 730.63)	0.156
54	Sensory	2	2356.5 (2255.25, 2457.75)	52	965.87 (529.19, 1581.55)	-1365.23 (-2233.62, 182.42)	0.060
54	GenitoUrinoSex	5	1417.93 (816.08, 1603.18)	49	971.28 (581.47, 1583.69)	-197.07 (-1060.76, 739.72)	0.644
54	MusculoSkeletal	5	1346.19 (476.92, 1536.92)	49	971.28 (1346.19, 1698.33)	23.77 (-661.13, 831.4)	0.964
54	Immunosuppressants	2	2317.07 (1603.18, 3030.97)	52	965.87 (529.19, 1581.55)	-1189.55 (-2773.9, 314.25)	0.074
54	Hormones	2	691.66 (239.25, 1144.07)	52	971.37 (583.98, 1650.76)	414.1 (-719.35, 1886.9)	0.492

Abeta Plasma

n	Abeta Plasma
33	306.35 (233.87, 440.33)
15	267.28 (213.6, 1033.06)
20	300.77 (189.81, 425.3)
14	272.42 (235.07, 650.7)
7	208.58 (106.04, 325.01)
2	2363.93 (1625.68, 3102.18)
4	547.57 (286.84, 816.06)

total n		n	MALE [Median Diff (95% CI)]	n	FEMALE [Median Diff (95% CI)]	Statistics [Median Diff (95% CI)]	Pvalue
48	Gender	15	267.28 (213.6, 1033.06)	33	306.35 (233.87, 440.33)	29.79 (-91.29, 516.71)	0.697

total n		n	TRUE [Median Diff (95% CI)]	n	FALSE [Median Diff (95% CI)]	Statistics [Median Diff (95% CI)]	Pvalue
43	pcsERM	27	290.92 (209.74, 486.43)	16	350.62 (250.57, 1086.83)	66.19 (0.26, 220.81)	0.258
43	pcsCAT	10	289.27 (235.07, 839.62)	33	310.62 (218.62, 519.8)	-35.37 (-252.51, 97.77)	0.605
43	pcsMH	11	357.58 (286.41, 1212.07)	32	293.8 (190.7, 486.43)	-94.87 (-487.83, 37.95)	0.119
42	pcsRD	0	0 (0, 0)	42	308.49 (218.62, 574.43)	N/A	N/A
43	pcsVF	3	320.72 (245.76, 847.96)	40	305.94 (226.25, 547.12)	-12.23 (-1078.51, 477.74)	0.88628
43	pcsVMT	6	253.45 (208.58, 305.53)	37	316.96 (233.87, 650.7)	103.19 (-38.25, 429.35)	0.161
0	pcsPE	0	0 (0, 0)	0	306.35 (226.25, 547.12)	N/A	N/A
44	pohERM	1	200.86 (185.83, 204.72)	43	306.35 (234.47, 547.12)	108.38 (-22.09, 1017.91)	0.072
46	pohCAT	13	235.07 (180.54, 316.96)	33	310.62 (249.61, 650.7)	93.31 (-12.63, 257.47)	0.100
46	pohMH	3	249.61 (242.34, 277.57)	43	306.35 (204.72, 547.12)	38.13 (-86.91, 920.96)	0.490
46	pohRD	0	0 (0, 0)	46	301.11 (208.58, 519.8)	N/A	N/A
46	pohVF	0	0 (0, 0)	46	301.11 (208.58, 519.8)	N/A	N/A
46	pohVMT	2	221.31 (170.79, 271.83)	44	305.94 (213.6, 547.12)	93.83 (-103.92, 1502.71)	0.281
46	pohVD	0	0 (0, 0)	46	301.11 (208.58, 519.8)	N/A	N/A
46	pohGLA	1	0 (0, 0)	45	296.69 (208.58, 519.8)	-24.03 (-301.39, 3287.38)	0.735
46	pohPVD	1	0 (0, 0)	45	296.69 (208.58, 519.8)	-8.84 (-286.21, 3302.57)	0.970
57	AMD	9	472.75 (339.41, 550.25)	48	301.11 (213.6, 547.12)	N/A	0.930
46	Carcinoma	4	309.43 (179.28, 1756.23)	42	301.11 (218.62, 574.43)	13.99 (-2303.73, 311.22)	0.969
46	Cardiopathies	6	291.82 (265.6, 650.7)	40	301.11 (190.7, 547.12)	-38.37 (-354.01, 160.24)	0.557
46	Lung	0	0 (0, 0)	46	301.11 (208.58, 574.43)	N/A	N/A
46	Hepatic	1	301.11 (0, 208.58)	45	305.53 (208.58, 574.43)	55.92 (-230.29, 3358.49)	0.572
46	Kidney	0	0 (0, 0)	46	208.58 (301.11, 109.11)	N/A	N/A
46	Arthritis	17	306.35 (249.61, 410.27)	29	277 (200.86, 798.45)	1.68 (-105.16, 163.13)	0.955
46	Asthma	2	149.25 (148.53, 149.97)	44	305.94 (226.25, 612.57)	156.69 (19.38, 1624.56)	0.041
46	Hypertension	11	273.02 (257.6, 389.55)	35	306.35 (190.7, 686.44)	-4.55 (-113.58, 174.73)	0.949
46	Depression	3	235.07 (201.49, 253.45)	43	306.35 (213.6, 612.57)	95.75 (-56.3, 954.66)	0.189
46	Anxiety	6	374.88 (249.61, 519.8)	40	291.27 (190.7, 612.57)	-69.96 (-274.3, 133.75)	0.453
46	Stress	0	0 (0, 0)	46	301.11 (208.58, 574.43)	N/A	N/A
46	Alzheimer	0	0 (0, 0)	46	301.11 (208.58, 574.43)	N/A	N/A
46	Diabetes	2	391.51 (208.58, 574.43)	44	301.11 (209.74, 585.25)	1.16 (-398.99, 1206.38)	1.000
48	Cardiovascular	26	298.22 (218.62, 519.8)	22	301.52 (180.54, 798.45)	-13.93 (-133.75, 108.38)	0.804
48	Metabolic	17	310.62 (235.07, 440.33)	31	273.02 (204.72, 659.13)	-23.64 (-126.76, 134.96)	0.771
48	Nervous	12	281.37 (207.8, 325.01)	36	313.79 (213.6, 724.58)	48.36 (-42.8, 239.48)	0.341
48	Antiparasitic	1	0 (0, 0)	47	296.69 (226.25, 486.43)	-929.8 (-1207.17, 2381.61)	0.207
48	AntiInflammatory	12	308.08 (257.6, 389.55)	36	286.84 (204.72, 724.58)	-6.56 (-112.13, 156.38)	0.943
48	Coagulation	11	368.82 (240.8, 612.57)	37	290.92 (218.62, 453.07)	-62.47 (-257.47, 90.16)	0.333
48	Respiratory	2	149.25 (148.53, 149.97)	46	305.94 (233.87, 574.43)	156.69 (20.82, 1477.15)	0.039
48	Sensory	2	545.52 (440.33, 650.7)	46	293.8 (208.58, 519.8)	-214.09 (-471.93, 1123.84)	0.235
48	GenitoUrinoSex	5	273.02 (208.58, 839.62)	43	305.53 (226.25, 486.43)	-5.74 (-575.79, 201.69)	0.906
48	MusculoSkeletal	5	310.62 (271.83, 316.96)	43	296.69 (204.72, 585.25)	-6.23 (-136.42, 340.08)	0.879
48	Immunosuppressants	1	0 (0, 0)	47	305.53 (226.25, 547.12)	124.99 (-161.22, 3427.56)	0.295
48	Hormones	2	269.81 (170.79, 368.82)	46	301.11 (218.62, 574.43)	75.16 (-188.29, 1405.71)	0.606

MMP9 Vitreous

n	MMP9 Vitreous
25	400.82 (263.11, 843.35)
10	459.21 (191.77, 703.04)
18	400.24 (262.62, 827.63)
5	600.44 (590.37, 630.58)
7	843.35 (251.81, 1980.67)
1	0 (0, 0)
3	328.05 (259.91, 512.55)

total n		n	MALE [Median Diff (95% CI)]	n	FEMALE [Median Diff (95% CI)]	Statistics [Median Diff (95% CI)]	Pvalue
35	Gender	10	459.21 (191.77, 703.04)	25	400.82 (263.11, 843.35)	-23.17 (-304.77, 327.6)	0.855

total n		n	TRUE [Median Diff (95% CI)]	n	FALSE [Median Diff (95% CI)]	Statistics [Median Diff (95% CI)]	Pvalue
32	pcsERM	22	400.24 (214.07, 630.58)	10	366.44 (123.4, 2208.59)	124.99 (-161.22, 3427.56)	0.295
32	pcsCAT	5	590.37 (400.82, 1669.6)	27	362.43 (192.28, 663.81)	-240.28 (-1546.71, 166.58)	0.154
32	pcsMH	4	410.23 (61.92, 1514.01)	28	400.24 (238.34, 736.96)	130.83 (-1487.61, 719.95)	0.690
32	pcsRD	0	0 (0, 0)	32	400.24 (203.43, 770.2)	N/A	N/A
32	pcsVF	2	280.09 (122.89, 437.3)	30	400.24 (214.07, 843.35)	164.9 (-252.71, 2208.07)	0.392
32	pcsVMT	4	1252.09 (292.56, 4505.8)	28	400.24 (192.28, 663.81)	-243.48 (-6105.95, 277.85)	0.254
32	pcsPE	0	0 (0, 0)	32	400.24 (203.43, 770.2)	N/A	N/A
32	pohERM	3	1669.6 (1053.45, 4236.3)	29	362.43 (192.8, 697.05)	-1307.17 (-6474.95, 153.07)	0.075
32	pohCAT	8	666.6 (176.67, 2000.28)	24	381.5 (238.34, 663.81)	-174.43 (-1455.53, 185.18)	0.408
32	pohMH	1	0 (0, 0)	31	400.58 (203.43, 700.04)	-427.05 (-827.18, 5975.37)	0.357
32	pohRD	0	0 (0, 0)	32	400.7 (203.43, 765.33)	N/A	N/A
32	pohVF	0	0 (0, 0)	32	400.7 (203.43, 765.33)	N/A	N/A
32	pohVMT	1	0 (0, 0)	31	1634408.35 (203.43, 765.33)	-36.72 (-436.85, 6365.71)	0.871
32	pohVD	0	0 (0, 0)	32	400.7 (203.43, 765.33)	N/A	N/A
32	pohGLA	0	0 (0, 0)	32	400.7 (203.43, 765.33)	N/A	N/A
32	pohPVD	0	0 (0, 0)	32	400.7 (203.43, 765.33)	N/A	N/A
38	AMD	4	780.47 (593.29, 1034.12)	34	400.7 (214.07, 827.63)	-442.65 (-842.9, 5959.66)	0.373
32	Carcinoma	4	595.74 (209.49, 3849.45)	28	400.7 (203.43, 700.04)	-107.41 (-567.86, 466.97)	0.608
32	Cardiopathies	4	529.74 (312.53, 3750.03)	28	400.7 (192.28, 765.33)	-139.47 (-5975.37, 340.61)	0.425
32	Lung	0	0 (0, 0)	32	400.7 (203.43, 765.33)	N/A	N/A
32	Hepatic	1	0 (0, 0)	31	400.58 (203.43, 700.04)	-427.05 (-827.18, 5975.37)	0.357
32	Kidney	0	0 (0, 0)	32	400.7 (203.43, 765.33)	N/A	N/A
32	Arthritis	14	279.1 (191.77, 630.58)	18	502.34 (289.55, 1669.6)	166.45 (-97.28, 536.51)	0.224
32	Asthma	2	496.82 (97.72, 895.91)	30	400.7 (214.07, 703.04)	94.56 (-711.32, 1757.06)	0.697
32	Hypertension	7	400.82 (279.35, 762.34)	25	400.58 (191.77, 703.04)	-102.08 (-482.99, 304.85)	0.480
32	Depression	1	0 (0, 0)	31	400.82 (227.71, 765.33)	186.75 (-213.62, 6588.94)	0.417
32	Anxiety	3	567.39 (483.98, 697.51)	29	362.43 (192.8, 703.04)	-186.51 (-532.05, 1185.36)	0.497
32	Stress	0	0 (0, 0)	32	400.7 (203.43, 765.33)	N/A	N/A
32	Alzheimer	0	0 (0, 0)	32	400.7 (203.43, 765.33)	N/A	N/A
32	Diabetes	2	3716.79 (630.58, 6803)	30	381.5 (192.8, 703.04)	-2551.08 (-6642.46, 1039.02)	0.102
35	Cardiovascular	18	663.81 (362.43, 1669.6)	17	289.55 (160.54, 590.37)	-256.37 (-650.55, -70.86)	0.019
35	Metabolic	12	518.87 (292.56, 700.04)	23	400.58 (192.28, 869.63)	-38.8 (-337.33, 277.85)	0.651
35	Nervous	9	567.39 (214.07, 827.63)	26	400.24 (262.62, 843.35)	-88.76 (-469.67, 215.32)	0.597
35	Antiparasitic	1	0 (0, 0)	34	400.7 (214.07, 843.35)	-302.34 (-702.59, 6099.97)	0.488
35	AntiInflammatory	11	600.44 (329.01, 762.34)	24	400.7 (192.28, 1256.47)	-89.4 (-390.33, 303.09)	0.594
35	Coagulation	7	630.58 (448.01, 1455.81)	28	400.24 (203.43, 835.49)	-234.34 (-1312.68, 167.51)	0.232
35	Respiratory	2	496.82 (97.72, 895.91)	33	400.82 (262.62, 827.63)	105.71 (-704.14, 2110.86)	0.670
35	Sensory	0	0 (0, 0)	35	400.82 (238.34, 835.49)	N/A	N/A
35	GenitoUrinoSex	5	697.05 (590.37, 703.04)	30	400.24 (214.07, 843.35)	-295.51 (-599.33, 240.28)	0.346
35	MusculoSkeletal	3	362.43 (277.62, 496.5)	32	419.06 (238.34, 869.63)	73.66 (-264.71, 1492.35)	0.637
35	Immunosuppressants	2	380.49 (160.54, 600.44)	33	400.82 (262.62, 843.35)	115.8 (-408.67, 2048.05)	0.522
35	Hormones	1	0 (0, 0)	34	400.7 (214.07, 843.35)	-36.6 (-436.85, 6365.71)	0.921

MMP9 Serum

n	MMP9 Serum
31	1842.25 (1531.51, 2410.28)
12	1511.16 (1251.76, 2898.11)
21	1780.69 (1506.25, 2642.98)
8	1379.69 (1289.76, 1812.3)
7	1899.5 (1488.17, 3106.11)
2	1792.12 (1230.07, 2354.17)
4	3186.67 (1982.17, 4917.47)

total n		n	MALE [Median Diff (95% CI)]	n	FEMALE [Median Diff (95% CI)]	Statistics [Median Diff (95% CI)]	Pvalue
43	Gender	12	1511.16 (1251.76, 2898.11)	31	1842.25 (1531.51, 2410.28)	-221.92 (-757.09, 727.07)	0.516

total n		n	TRUE [Median Diff (95% CI)]	n	FALSE [Median Diff (95% CI)]	Statistics [Median Diff (95% CI)]	Pvalue
38	pcsERM	24	1620.78 (1780.69, 2229.85)	14	2327.71 (1780.69, 3910.97)	644.62 (-274.76, 1360.3)	0.109
38	pcsCAT	7	1652.63 (1605.14, 2898.11)	31	1780.69 (1379.69, 2410.28)	-95.85 (-1063.62, 807.06)	0.778
38	pcsMH	9	2450.5 (2301.25, 3329.66)	29	1647.29 (1331.35, 2089.63)	-847.92 (-1492.01, -133.11)	0.032
38	pcsRD	0	0 (0, 0)	38	1769.6 (1428.04, 2576.01)	N/A	N/A
38	pcsVF	3	1947.3 (1863.99, 3370.75)	35	1732.14 (1379.69, 2513.26)	-449.34 (-3141.57, 695.67)	0.267
38	pcsVMT	3	958.49 (0, 0)	35	1780.69 (1486.37, 2513.26)	742.26 (-2152.47, 1962.69)	0.291
38	pcsPE	0	0 (0, 0)	38	1769.6 (723.15, 2434.73)	N/A	N/A
40	pohERM	3	1780.69 (1713.99, 2845.83)	37	1758.51 (1290.88, 2450.5)	-314.19 (-2178.84, 928.73)	0.555
40	pohCAT	9	1842.25 (1647.29, 2576.01)	31	1732.14 (1259.35, 2410.28)	-217.68 (-879.16, 519.53)	0.427
40	pohMH	1	0 (0, 0)	39	1758.51 (1311.11, 2410.28)	-2274.5 (-3545.2, 1798.67)	0.179
40	pohRD	0	0 (0, 0)	40	1769.6 (1311.11, 2410.28)	N/A	N/A
40	pohVF	0	0 (0, 0)	40	1769.6 (1311.11, 2513.26)	N/A	N/A
40	pohVMT	1	0 (0, 0)	39	1758.51 (1311.11, 2513.26)	-188.79 (-1459.49, 3884.37)	0.762
40	pohVD	0	0 (0, 0)	40	1769.6 (1311.11, 2513.26)	N/A	N/A
40	pohGLA	1	0 (0, 0)	39	1758.51 (1311.11, 2513.26)	-188.79 (-1459.49, 3884.37)	0.762
40	pohPVD	0	0 (0, 0)	40	1769.6 (1311.11, 2513.26)	N/A	N/A
47	AMD	4	2406.97 (1619.58, 3153.94)	43	1780.69 (1379.69, 2609.5)	N/A	N/A
40	Carcinoma	4	1536.16 (858.94, 2876.61)	36	1769.6 (1379.69, 2609.5)	440.79 (-1221.33, 1813.45)	0.443
40	Cardiopathies	4	2781.8 (1426.38, 4639.39)	36	1769.6 (1311.11, 2513.26)	-505.68 (-2997.74, 701.53)	0.528
40	Lung	0	0 (0, 0)	40	1769.6 (1311.11, 2609.5)	N/A	N/A
40	Hepatic	1	0 (0, 0)	39	1758.51 (1311.11, 2513.26)	-2274.5 (-3545.2, 1798.67)	0.179
40	Kidney	0	0 (0, 0)	40	1769.6 (1311.11, 2609.5)	N/A	N/A
40	Arthritis	15	1594.28 (1311.11, 2335.66)	25	1842.25 (1428.04, 2642.98)	186.14 (-459, 800.83)	0.476
40	Asthma	2	1654.37 (1311.11, 2335.66)	38	1769.6 (1428.04, 2642.98)	93.4 (-642.12, 2951.96)	0.710
40	Hypertension	9	1652.63 (1200.13, 2642.98)	31	1780.69 (1379.69, 2513.26)	133.11 (-757.73, 940.24)	0.616
40	Depression	1	0 (0, 0)	39	1758.51 (1311.11, 2609.5)	-141 (-1411.7, 3932.17)	0.829
40	Anxiety	5	2089.63 (1971.97, 2370.07)	35	1652.63 (1289.76, 2609.5)	-470.56 (-1152.24, 622.03)	0.228
40	Stress	0	0 (0, 0)	40	1769.6 (1311.11, 2609.5)	N/A	N/A
40	Alzheimer	0	0 (0, 0)	40	1769.6 (1311.11, 2609.5)	N/A	N/A
40	Diabetes	2	2600.93 (1290.88, 3910.97)	38	1769.6 (1331.35, 2576.01)	-74.53 (-2693.14, 2038.78)	0.852
43	Cardiovascular	24	1649.96 (1259.35, 2609.5)	19	1971.97 (1575.53, 2801.87)	325.7 (-231.66, 863.82)	0.212
43	Metabolic	13	1947.3 (1290.88, 2450.5)	30	1692.39 (1428.04, 2642.98)	-116.55 (-759.89, 681.08)	0.751
43	Nervous	10	1994.57 (1758.51, 3076.08)	33	1652.63 (1290.88, 2576.01)	-309.71 (-941.01, 379.4)	0.328
43	Antiparasitic	1	0 (0, 0)	42	1811.47 (1428.04, 2642.98)	596.59 (-727.07, 4616.8)	0.197
43	AntiInflammatory	11	1842.25 (1378.69, 2688.67)	32	1769.6 (1379.69, 2609.5)	57 (-648.62, 761.2)	0.824
43	Coagulation	10	1491.99 (1288.64, 2642.98)	33	1842.25 (1506.25, 2576.01)	257.27 (-569.12, 940.24)	0.455
43	Respiratory	2	1654.37 (1466.49, 1842.25)	41	1780.69 (1331.35, 2642.98)	257.27 (-569.12, 940.24)	0.455
43	Sensory	0	0 (0, 0)	43	1780.69 (1379.69, 2609.5)	N/A	N/A
43	GenitoUrinoSex	5	1652.63 (1331.35, 3153.24)	38	1811.47 (1428.04, 2576.01)	44.47 (-1460.47, 923.38)	0.940
43	MusculoSkeletal	3	1556.78 (1423.83, 3462.29)	40	1811.47 (1379.69, 2609.5)	-26.39 (-3609.3, 1352.09)	0.962
43	Immunosuppressants	1	0 (0, 0)	42	1811.47 (1428.04, 2642.98)	480.12 (-843.54, 4500.33)	0.375
43	Hormones	2	2040.97 (1780.69, 2301.25)	41	1758.51 (1331.35, 2642.98)	-214.65 (-1086.38, 2252.33)	0.729

STATISTICS

Dependent	Independent	Estimate	Sig. (P)	95% Confidence interval Lower bound	Upper bound
Abeta Vitreous	Gender	-128.765	0.511	-630.969	379.000

Dependent	Independent	Estimate	Sig. (P)	95% Confidence interval Lower bound	Upper bound
Abeta Vitreous	pcsERM	-146.039	0.787	-565.640	391.360
Abeta Vitreous	pcsCAT	-0.377	1.000	-609.075	612.870
Abeta Vitreous	pcsMH	37.400	0.874	-522.177	651.565
Abeta Vitreous	pcsRD	N/A	N/A	N/A	N/A
Abeta Vitreous	pcsVF	449.366	0.479	-887.006	1939.528
Abeta Vitreous	pcsVMT	-705.099	0.046	-1366.033	-46.660
Abeta Vitreous	pcsPE	N/A	N/A	N/A	N/A
Abeta Vitreous	pohERM	-49.057	0.919	-804.080	1111.180
Abeta Vitreous	pohCAT	-54.280	0.851	-624.395	530.113
Abeta Vitreous	pohMH	-609.075	0.298	-2115.630	603.919
Abeta Vitreous	pohRD	N/A	N/A	N/A	N/A
Abeta Vitreous	pohVF	N/A	N/A	N/A	N/A
Abeta Vitreous	pohVMT	-285.147	0.552	-1322.346	1254.401
Abeta Vitreous	pohVD	N/A	N/A	N/A	N/A
Abeta Vitreous	pohGLA	N/A	N/A	N/A	N/A
Abeta Vitreous	pohPVD	-2115.455	0.090	-3074.91	-55.942
Abeta Vitreous	mhAMD	197.583	0.630	-761.872	2313.038
Abeta Vitreous	mhCarcinoma	167.328	0.506	-640.004	989.582
Abeta Vitreous	mhCardiopathies	318.779	0.324	-351.778	1014.255
Abeta Vitreous	mhLungDisease	N/A	N/A	N/A	N/A
Abeta Vitreous	mhHepaticDiseas	161.110	0.634	-802.011	2272.899
Abeta Vitreous	mhKidneyDisease	N/A	N/A	N/A	N/A
Abeta Vitreous	mhArthritis	-238.444	0.278	-775.718	283.169
Abeta Vitreous	mhAsthma	-791.975	0.174	-1863.925	759.209
Abeta Vitreous	mhHypertension	91.962	0.713	-480.380	675.840
Abeta Vitreous	mhDepression	-338.613	0.447	-1102.487	858.880
Abeta Vitreous	mhAnxiety	4.788	0.953	-722.288	769.680
Abeta Vitreous	mhStress	N/A	N/A	N/A	N/A
Abeta Vitreous	mhAlzheimer	N/A	N/A	N/A	N/A
Abeta Vitreous	mhDiabetes	23.494	1.000	-1106.940	1526.820
Abeta Vitreous	medCardio	289.332	0.153	-142.092	801.265
Abeta Vitreous	medMetabo	-792.780	0.002	-1294.785	-297.267
Abeta Vitreous	medNerv	-639.852	0.018	-1088.434	-150.944
Abeta Vitreous	medAntipara	-1668.887	0.149	-2628.167	446.743
Abeta Vitreous	medAntiinfla	-155.571	0.608	-648.510	391.360
Abeta Vitreous	medCoag	-374.913	0.199	-997.560	185.752
Abeta Vitreous	medRespi	-812.045	0.156	-1846.115	730.632
Abeta Vitreous	medSensory	-1365.234	0.060	-2233.62	182.416667
Abeta Vitreous	medGUS	-197.065	0.644	-1060.756667	739.719
Abeta Vitreous	medMS	23.771	0.964	-661.125	831.398
Abeta Vitreous	medImmunosupp	-1189.547	0.074	-2773.904	314.245
Abeta Vitreous	medHormones	414.095	0.492	-719.350	1886.898

Dependent	Independent	Estimate	Sig. (P)	95% Confidence interval Lower bound	Upper bound
Abeta Plasma	Gender	29.793	0.697	-91.291	516.712

Dependent	Independent	Estimate	Sig. (P)	95% Confidence interval Lower bound	Upper bound
Abeta Plasma	pcsERM	66.190	0.258	0.258	220.811
Abeta Plasma	pcsCAT	-35.371	0.605	-252.507	97.769
Abeta Plasma	pcsMH	-94.865	0.119	-487.832	37.946
Abeta Plasma	pcsRD	N/A	N/A	N/A	N/A
Abeta Plasma	pcsVF	-12.231	0.886	-1078.509	477.736
Abeta Plasma	pcsVMT	103.194	0.161	-38.250	429.348
Abeta Plasma	pcsPE	N/A	N/A	N/A	N/A
Abeta Plasma	pohERM	108.380	0.072	-22.092	1017.908
Abeta Plasma	pohCAT	93.309	0.100	-12.632	257.469
Abeta Plasma	pohMH	38.134	0.490	-86.906	920.961
Abeta Plasma	pohRD	N/A	N/A	N/A	N/A
Abeta Plasma	pohVF	N/A	N/A	N/A	N/A
Abeta Plasma	pohVMT	93.834	0.281	-103.923	1502.706
Abeta Plasma	pohVD	N/A	N/A	N/A	N/A
Abeta Plasma	pohGLA	-24.029	0.735	-301.395	3287.383
Abeta Plasma	pohPVD	-8.842	0.970	-286.207333	3302.57
Abeta Plasma	mhAMD	N/A	0.930	N/A	N/A
Abeta Plasma	mhCarcinoma	13.987	0.969	-2303.731	311.217
Abeta Plasma	mhCardiopathies	-38.369	0.557	-354.012	160.241
Abeta Plasma	mhLungDisease	N/A	N/A	N/A	N/A
Abeta Plasma	mhHepaticDiseas	55.919	0.572	-230.288	3358.489333
Abeta Plasma	mhKidneyDisease	N/A	N/A	N/A	N/A
Abeta Plasma	mhArthritis	1.683	0.955	-105.164	163.125
Abeta Plasma	mhAsthma	156.690	0.041	19.379	1624.563
Abeta Plasma	mhHypertension	-4.550	0.949	-113.584	174.733
Abeta Plasma	mhDepression	95.753	0.189	-56.302	954.661
Abeta Plasma	mhAnxiety	-69.957	0.453	-274.299	133.754
Abeta Plasma	mhStress	N/A	N/A	N/A	N/A
Abeta Plasma	mhAlzheimer	N/A	N/A	N/A	N/A
Abeta Plasma	mhDiabetes	1.159	1.000	-398.992	1206.381
Abeta Plasma	medCardio	-13.925	0.804	-133.754	108.380
Abeta Plasma	medMetabo	-23.637	0.771	-126.762	134.957
Abeta Plasma	medNerv	48.358	0.341	-42.795	239.477
Abeta Plasma	medAntipara	-929.803	0.207	-1207.168	2381.609
Abeta Plasma	medAntiinfla	-6.556	0.943	-112.134	156.379
Abeta Plasma	medCoag	-62.472	0.333	-257.469	90.157
Abeta Plasma	medRespi	156.690	0.039	20.821	1477.152
Abeta Plasma	medSensory	-214.085	0.235	-471.932	1123.836
Abeta Plasma	medGUS	-5.736	0.906	-575.791	201.689
Abeta Plasma	medMS	-6.233	0.879	-136.424	340.079
Abeta Plasma	medImmunosupp	124.991	0.295	-161.216	3427.561
Abeta Plasma	medHormones	75.161	0.606	-188.285	1405.712

Dependent	Independent	Estimate	Sig. (P)	95% Confidence interval Lower bound	Upper bound
MMP9 Vitreous	Gender	-23.172	0.855	-304.772	327.602

Dependent	Independent	Estimate	Sig. (P)	95% Confidence interval Lower bound	Upper bound
MMP9 Vitreous	pcsERM	124.991	0.295	-161.216	3427.561
MMP9 Vitreous	pcsCAT	-240.275	0.154	-1546.706	166.577
MMP9 Vitreous	pcsMH	130.832	0.690	-1487.614	719.946
MMP9 Vitreous	pcsRD	N/A	N/A	N/A	N/A
MMP9 Vitreous	pcsVF	164.897	0.392	-252.710	2208.068
MMP9 Vitreous	pcsVMT	-243.477	0.254	-6105.951	277.847
MMP9 Vitreous	pcsPE	N/A	N/A	N/A	N/A
MMP9 Vitreous	pohERM	-1307.168	0.075	-6474.952	153.071
MMP9 Vitreous	pohCAT	-174.431	0.408	-1455.533	185.183
MMP9 Vitreous	pohMH	-427.051	0.357	-827.181	5975.373
MMP9 Vitreous	pohRD	N/A	N/A	N/A	N/A
MMP9 Vitreous	pohVF	N/A	N/A	N/A	N/A
MMP9 Vitreous	pohVMT	-36.718	0.871	-436.847	6365.707
MMP9 Vitreous	pohVD	N/A	N/A	N/A	N/A
MMP9 Vitreous	pohGLA	N/A	N/A	N/A	N/A
MMP9 Vitreous	pohPVD	N/A	N/A	N/A	N/A
MMP9 Vitreous	mhAMD	-442.650	0.373	-842.898	5959.656
MMP9 Vitreous	mhCarcinoma	-107.407	0.608	-567.857	466.966
MMP9 Vitreous	mhCardiopathies	-139.474	0.425	-5975.373	340.605
MMP9 Vitreous	mhLungDisease	N/A	N/A	N/A	N/A
MMP9 Vitreous	mhHepaticDiseas	-427.051	0.357	-827.181	5975.373
MMP9 Vitreous	mhKidneyDisease	N/A	N/A	N/A	N/A
MMP9 Vitreous	mhArthritis	166.446	0.224	-97.277	536.511
MMP9 Vitreous	mhAsthma	94.558	0.697	-711.322	1757.056
MMP9 Vitreous	mhHypertension	-102.080	0.480	-482.986	304.854
MMP9 Vitreous	mhDepression	186.750	0.417	-213.617	6588.937
MMP9 Vitreous	mhAnxiety	-186.512	0.497	-532.046	1185.358
MMP9 Vitreous	mhStress	N/A	N/A	N/A	N/A
MMP9 Vitreous	mhAlzheimer	N/A	N/A	N/A	N/A
MMP9 Vitreous	mhDiabetes	-2551.084	0.102	-6642.462	1039.023
MMP9 Vitreous	medCardio	-256.368	0.019	-650.546	-70.855
MMP9 Vitreous	medMetabo	-38.800	0.651	-337.329	277.847
MMP9 Vitreous	medNerv	-88.763	0.597	-469.667	215.320
MMP9 Vitreous	medAntipara	-302.339	0.488	-702.587	6099.967
MMP9 Vitreous	medAntiinfla	-89.397	0.594	-390.334	303.090
MMP9 Vitreous	medCoag	-234.338	0.232	-1312.682	167.510
MMP9 Vitreous	medRespi	105.708	0.670	-704.142	2110.864
MMP9 Vitreous	medSensory	N/A	N/A	N/A	N/A
MMP9 Vitreous	medGUS	-295.510	0.346	-599.326	240.275
MMP9 Vitreous	medMS	73.663	0.637	-264.705	1492.351
MMP9 Vitreous	medImmunosupp	115.802	0.522	-408.672	2048.049
MMP9 Vitreous	medHormones	-36.599	0.921	-436.847	6365.707

Dependent	Independent	Estimate	Sig. (P)	95% Confidence interval Lower bound	Upper bound
MMP9 Serum	Gender	-221.916	0.516	-757.090	727.070

Dependent	Independent	Estimate	Sig. (P)	95% Confidence interval Lower bound	Upper bound
MMP9 Serum	pcsERM	644.621	0.109	-274.761	1360.298
MMP9 Serum	pcsCAT	-95.854	0.778	-1063.617	807.063
MMP9 Serum	pcsMH	-847.918	0.032	-1492.008	-133.109
MMP9 Serum	pcsRD	N/A	N/A	N/A	N/A
MMP9 Serum	pcsVF	-449.340	0.267	-3141.574	695.674
MMP9 Serum	pcsVMT	742.259	0.291	-2152.465	1962.693
MMP9 Serum	pcsPE	N/A	N/A	N/A	N/A
MMP9 Serum	pohERM	-314.194	0.555	-2178.835	928.727
MMP9 Serum	pohCAT	-217.684	0.427	-879.159	519.526
MMP9 Serum	pohMH	-2274.503	0.179	-3545.203	1798.665
MMP9 Serum	pohRD	N/A	N/A	N/A	N/A
MMP9 Serum	pohVF	N/A	N/A	N/A	N/A
MMP9 Serum	pohVMT	-188.794	0.762	-1459.494	3884.374
MMP9 Serum	pohVD	N/A	N/A	N/A	N/A
MMP9 Serum	pohGLA	-188.794	0.762	-1459.494	3884.374
MMP9 Serum	pohPVD	N/A	N/A	N/A	N/A
MMP9 Serum	mhAMD	N/A	N/A	N/A	N/A
MMP9 Serum	mhCarcinoma	440.785	0.443	-1221.334	1813.446
MMP9 Serum	mhCardiopathies	-505.678	0.528	-2997.743	701.532
MMP9 Serum	mhLungDisease	N/A	N/A	N/A	N/A
MMP9 Serum	mhHepaticDiseas	-2274.503	0.179	-3545.203	1798.665
MMP9 Serum	mhKidneyDisease	N/A	N/A	N/A	N/A
MMP9 Serum	mhArthritis	186.141	0.476	-459.003	800.830
MMP9 Serum	mhAsthma	93.398	0.710	-642.120	2951.956
MMP9 Serum	mhHypertension	133.109	0.616	-757.728	940.237
MMP9 Serum	mhDepression	-140.995	0.829	-1411.695	3932.173
MMP9 Serum	mhAnxiety	-470.563	0.228	-1152.235	622.028
MMP9 Serum	mhStress	N/A	N/A	N/A	N/A
MMP9 Serum	mhAlzheimer	N/A	N/A	N/A	N/A
MMP9 Serum	mhDiabetes	-74.530	0.852	-2693.142	2038.776
MMP9 Serum	medCardio	325.696	0.212	-231.657	863.818
MMP9 Serum	medMetabo	-116.552	0.751	-759.889	681.084
MMP9 Serum	medNerv	-309.710	0.328	-941.010	379.399
MMP9 Serum	medAntipara	596.590	0.197	-727.070	4616.798
MMP9 Serum	medAntiinfla	57.003	0.824	-648.621	761.196
MMP9 Serum	medCoag	257.273	0.455	-569.116	940.237
MMP9 Serum	medRespi	257.273	0.455	-569.116	940.237
MMP9 Serum	medSensory	N/A	N/A	N/A	N/A
MMP9 Serum	medGUS	44.474	0.940	-1460.472	923.382
MMP9 Serum	medMS	-26.389	0.962	-3609.300	1352.092
MMP9 Serum	medImmunosupp	480.123	0.375	-843.538	4500.330
MMP9 Serum	medHormones	-214.654	0.729	-1086.376	2252.325

Correlations (Spearman's Rank)

Dependent Variable	Independent Variable	N	rs	P value
Abeta Vitreous	Age	54.000	0.182	0.188
Abeta Plasma	Age	48.000	-0.173	0.240
MMP9 Vitreous	Age	35.000	-0.011	0.951
MMP9 Serum	Age	43.000	-0.321	0.036
Abeta Vitreous	MAP	42.000	-0.984	0.552
Abeta Plasma	MAP	35.000	-0.047	0.791
MMP9 Vitreous	MAP	29.000	0.379	0.043
MMP9 Serum	MAP	33.000	-0.155	0.388
Abeta Vitreous	SPY	54.000	0.146	0.293
Abeta Plasma	SPY	47.000	-0.025	0.868
MMP9 Vitreous	SPY	34.000	0.102	0.564
MMP9 Serum	SPY	42.000	0.069	0.666
Abeta Vitreous	Abeta Vitreous			
Abeta Plasma	Abeta Vitreous	46	0.002	0.992
MMP9 Vitreous	Abeta Vitreous	34	-0.055	0.755
MMP9 Serum	Abeta Vitreous	41	-0.114	0.477
Abeta Vitreous	Abeta Plasma	46	0.002	0.992
Abeta Plasma	Abeta Plasma			
MMP9 Vitreous	Abeta Plasma	27	-0.156	0.436
MMP9 Serum	Abeta Plasma	41	0.241	0.129
Abeta Vitreous	MMP9 Vitreous	34	-0.055	0.755
Abeta Plasma	MMP9 Vitreous	27	-0.156	0.436
MMP9 Vitreous	MMP9 Vitreous			
MMP9 Serum	MMP9 Vitreous	29	0.177	0.359
Abeta Vitreous	MMP9 Serum	41	0.477	0.477
Abeta Plasma	MMP9 Serum	41	0.241	0.129
MMP9 Vitreous	MMP9 Serum	29	0.177	0.359
MMP9 Serum	MMP9 Serum			

NPTi		Pvalue	Lower CI	Upper CI
Abeta Vitreous	Smoking Group	0.857	N/A	N/A
Abeta Plasma	Smoking Group	0.08	N/A	N/A
MMP9 Vitreous	Smoking Group	0.389	N/A	N/A
MMP9 Serum	Smoking Group	0.312	N/A	N/A

Notes: Above is **Control** patients only

Dependent Variable	Independent Variable	N	rs	P value
Abeta Vitreous	Age	10.000	-0.080	0.825
Abeta Plasma	Age	10.000	0.055	0.881
MMP9 Vitreous	Age	4.000	0.441	0.559
MMP9 Serum	Age	4.000	-0.737	0.263
Abeta Vitreous	MAP	8.000	0.193	0.648
Abeta Plasma	MAP	8.000	-0.392	0.337
MMP9 Vitreous	MAP	4.000	0.792	0.208
MMP9 Serum	MAP	4.000	-0.953	0.047
Abeta Vitreous	SPY	10.000	0.266	0.457
Abeta Plasma	SPY	10.000	0.403	0.248
MMP9 Vitreous	SPY	4.000	-0.211	0.789
MMP9 Serum	SPY	4.000	0.258	0.742
Abeta Vitreous	Abeta Vitreous			
Abeta Plasma	Abeta Vitreous	8	-0.762	0.028
MMP9 Vitreous	Abeta Vitreous	4	-0.4	0.6
MMP9 Serum	Abeta Vitreous	4	-0.5	0.667
Abeta Vitreous	Abeta Plasma	8	-0.762	0.028
Abeta Plasma	Abeta Plasma			
MMP9 Vitreous	Abeta Plasma	2	-1	N/A
MMP9 Serum	Abeta Plasma	4	0.6	0.4
Abeta Vitreous	MMP9 Vitreous	4	-0.4	0.6
Abeta Plasma	MMP9 Vitreous	2	-1	N/A
MMP9 Vitreous	MMP9 Vitreous			
MMP9 Serum	MMP9 Vitreous	2	-1	N/A
Abeta Vitreous	MMP9 Serum	3	-0.5	0.667
Abeta Plasma	MMP9 Serum	4	0.06	0.4
MMP9 Vitreous	MMP9 Serum	2	-1	N/A
MMP9 Serum	MMP9 Serum			

NPTi		Pvalue	Lower CI	Upper CI
Abeta Vitreous	Smoking Group	0.559	N/A	N/A
Abeta Plasma	Smoking Group	0.559	N/A	N/A
MMP9 Vitreous	Smoking Group	0.407	N/A	N/A
MMP9 Serum	Smoking Group	0.655	N/A	N/A

Above is **AMD** patients only

Linear Regression

Dependent Variable	Independent Variable	N (Control)	N (AMD)	B Coefficient	P value
Abeta Vitreous	Age	54	10	14.909	0.963
Abeta Plasma	Age	48	10	-102.026	0.694
MMP9 Vitreous	Age	35	4	112.716	0.882
MMP9 Serum	Age	43	4	-584.368	0.370
Abeta Vitreous	MAP	42	8	3.179	0.791
Abeta Plasma	MAP	35	8	3.677	0.660
MMP9 Vitreous	MAP	29	4	-32.656	0.032
MMP9 Serum	MAP	33	4	22.147	0.152
Abeta Vitreous	SPY	54	10	-9.892	0.276
Abeta Plasma	SPY	47	10	4.002	0.582
MMP9 Vitreous	SPY	34	4	-73.602	0.004
MMP9 Serum	SPY	42	4	-36.544	0.005
Abeta Vitreous	Abeta Vitreous				
Abeta Plasma	Abeta Vitreous	46	8	0.107	0.32
MMP9 Vitreous	Abeta Vitreous	34	4	1.96	0.528
MMP9 Serum	Abeta Vitreous	41	3	0.25	0.33
Abeta Vitreous	Abeta Plasma	46	8	0.182	0.32
Abeta Plasma	Abeta Plasma				
MMP9 Vitreous	Abeta Plasma	27	2	0.856	0.247
MMP9 Serum	Abeta Plasma	41	4	-0.108	0.731
Abeta Vitreous	MMP9 Vitreous	34	4	0.6	0.528
Abeta Plasma	MMP9 Vitreous	27	2	0.06	0.247
MMP9 Vitreous	MMP9 Vitreous				
MMP9 Serum	MMP9 Vitreous	29	2	0.259	0.087
Abeta Vitreous	MMP9 Serum	41	3	0.093	0.33
Abeta Plasma	MMP9 Serum	41	4	-0.026	0.731
MMP9 Vitreous	MMP9 Serum	29	2	-0.391	0.087
MMP9 Serum	MMP9 Serum				

Above is **Control & AMD** Patients

Linear Regression

	N	B Coefficient	P value
Abeta Vitreous		-102.017	0.739
Abeta Plasma		32.157	0.894
MMP9 Vitreous		118.791	0.869
MMP9 Serum		-158.790	0.808
Abeta Vitreous		-102.017	0.739
Abeta Plasma		32.157	0.894
MMP9 Vitreous		118.791	0.869
MMP9 Serum		-158.790	0.808
Abeta Vitreous		-102.017	0.739
Abeta Plasma		32.157	0.894
MMP9 Vitreous		118.791	0.869
MMP9 Serum		-158.790	0.808
Abeta Vitreous			
Abeta Plasma		32.157	0.894
MMP9 Vitreous		118.791	0.869
MMP9 Serum		-158.79	0.808
Abeta Vitreous		-102.017	0.739
Abeta Plasma		N/A	
MMP9 Vitreous		118.791	0.869
MMP9 Serum		-158.79	0.808
		N/A	
Abeta Vitreous		-102.017	0.739
Abeta Plasma		32.157	0.894
MMP9 Vitreous		N/A	
MMP9 Serum		-158.79	0.808